

Bolens[®]

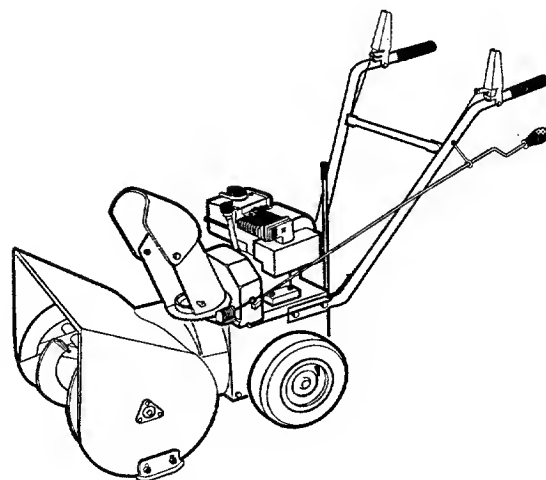
Parts Catalog

Snowthrower

Model

42028 — 21", 5 H.P.

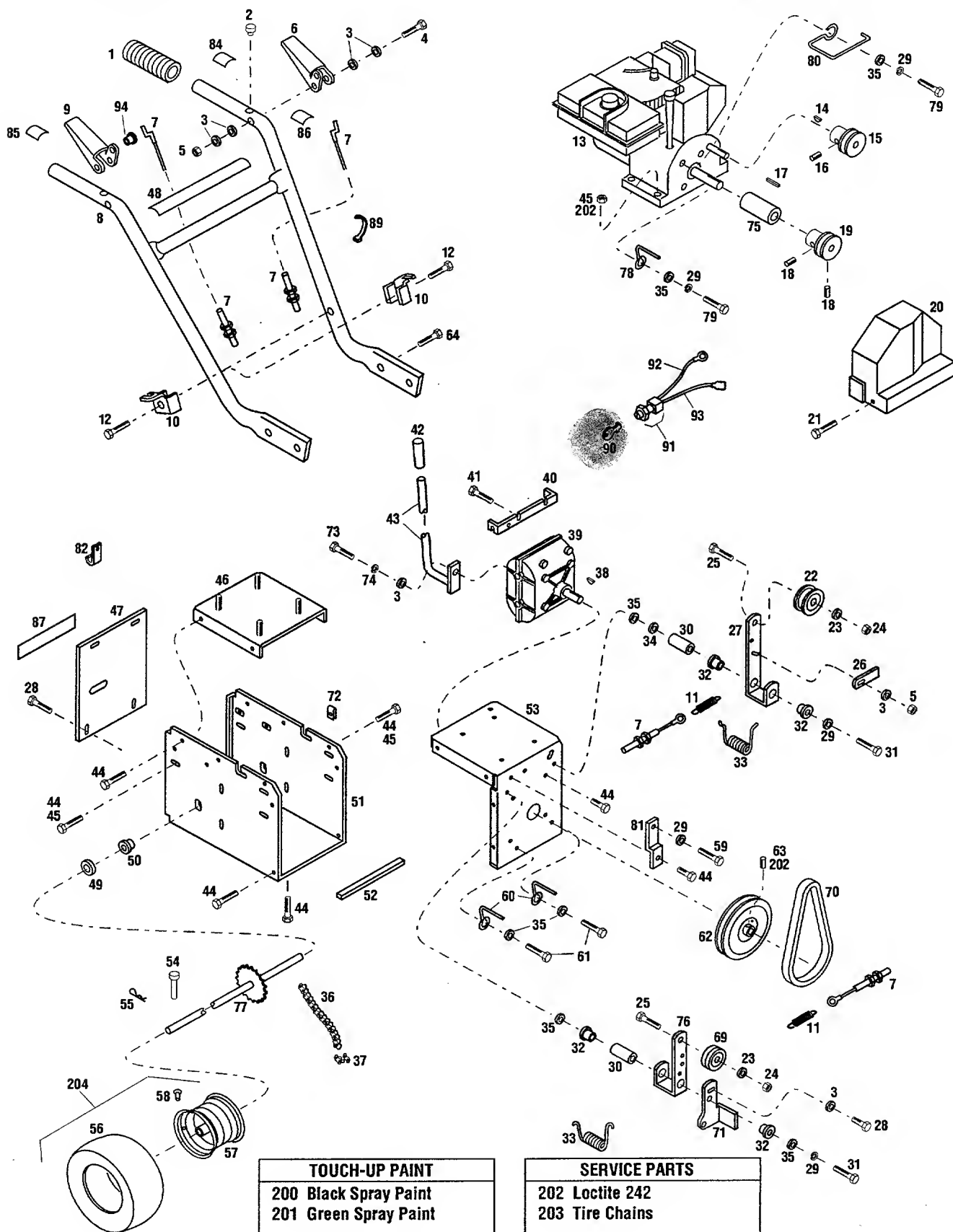
Serial Numbers:
420280100101 - 420280199999



21", 5 H.P. Snowthrower

TRACTOR ASSEMBLY

S/N 420280100101- 420280199999



Model 42028

| Ref. # | Part # | Description | Qty. | Ref. # | Part # | Description | Qty. |
|--------|------------|---|------|--------|------------|--|------|
| 1 | 1703539 | Handle Grip | 2 | 51 | 1756065021 | Frame | 1 |
| 2 | 1750796 | Bumper | 2 | 52 | 1750799 | Rubber Pad | 1 |
| 3 | 1107381 | Flat Washer, 1/4 | 11 | 53 | 1749299021 | Frame Cover | 1 |
| 4 | 1111601 | Hex Bolt, 1/4-20 x 1-3/4 | 2 | 54 | 1724760 | Clevis Pin | 2 |
| 5 | 1734398 | Locknut, 1/4-20 | 3 | 55 | 1717897 | Hair Pin | 2 |
| 6 | 1745673001 | Control Lever..... | 1 | 56 | 1755828** | Tire, 4.10/3.50 x 4.00..... | 2 |
| 7 | 1771727 | Drive Cable | 2 | 57 | 1757891 | Wheel Rim..... | 2 |
| 8 | 1754443021 | Handle Bar | 1 | 58 | 1718086 | Valve Stem | 2 |
| 9 | 1745672001 | Control Lever..... | 1 | 59 | 1100029 | Hex Bolt, 5/16-24 x 5/8..... | 1 |
| 10 | 1749977001 | Cable Bracket | 2 | 60 | 1750704 | Belt Guide..... | 2 |
| 11 | 1752500 | Extension Spring..... | 1 | 61 | 1100044 | Hex Bolt, 5/16-18 x 3/4..... | 2 |
| 12 | 1754128 | Thread Forming Screw, 1/4-20 x 3/4 | 2 | 62 | 1740127 | Transmission Sheave | 1 |
| 13 | * | Tecumseh Engine, Model HSSK50 | 1 | 63 | 1733185 | Set Screw, 5/16-18 x 5/8..... | 2 |
| 14 | 1104435 | Woodruff Key, 1/8 x 5/8 | 1 | 64 | 1186328 | Flange Screw, 5/16-18 x 5/8..... | 4 |
| 15 | 1740121 | PTO Sheave | 1 | 69 | 1710566 | Flat Idler | 1 |
| 16 | 1103441 | Set Screw, 1/4-20 x 3/8 | 2 | 70 | 1746379 | V-Belt | 1 |
| 17 | 1108852 | Square Key, 3/16 x 3/4 | 1 | 71 | 1771750 | Brake Arm | 1 |
| 18 | 1185596 | Set Screw, 5/16-18 x 5/16 | 2 | 72 | 1185986 | Speed Nut, #10 | 2 |
| 19 | 1752211 | Engine Sheave..... | 1 | 73 | 1100002 | Hex Bolt, 1/4-28 x 3/4 | 1 |
| 20 | 1754175 | Belt Cover..... | 1 | 74 | 1100241 | Lockwasher, 1/4 | 1 |
| 21 | 1115815 | Truss Screw, #10-24 x 5/8 | 2 | 75 | 1740124 | Spacer | 1 |
| 22 | 1729440 | Idler Pulley | 1 | 76 | 1748443 | Idler Arm..... | 1 |
| 23 | 1100243 | Lockwasher, 3/8..... | 2 | 77 | 1754525 | Axle | 1 |
| 24 | 1186231 | Hex Nut, 3/8-16 | 2 | 78 | 1720717 | Belt Guide..... | 1 |
| 25 | 1740130 | Carriage Bolt, 3/8-16 x 1-1/2 | 2 | 79 | 1100004 | Hex Bolt, 5/16-24 x 3/4..... | 2 |
| 26 | 1751017 | Idler Arm Stop..... | 1 | 80 | 1754163 | Belt Guide..... | 1 |
| 27 | 1751019 | Idler Arm | 1 | 81 | 1754158 | Bracket..... | 1 |
| 28 | 1724492 | Thread Forming Screw, 1/4-20 x 1/2 | 5 | 82 | 1754159 | Cable Clamp | 2 |
| 29 | 1100242 | Lockwasher, 5/16..... | 5 | 84 | 1774437 | Decal, Wheel Drive | 1 |
| 30 | 1748659 | Spacer..... | 2 | 85 | 1774438 | Decal, Auger Drive..... | 1 |
| 31 | 1111608 | Hex Bolt, 5/16-18 x 2-1/2 | 2 | 86 | 1774439 | Decal, Chute Control..... | 1 |
| 32 | 1715538 | Bearing | 4 | 87 | 1763029 | Decal, Caution | 1 |
| 33 | 1740102 | Torsion Spring | 2 | 89 | 1735531 | Cable Tie..... | 6 |
| 34 | 1100257 | Flat Washer, 1/2 | 1 | 90 | 1752986 | Key | 2 |
| 35 | 1100255 | Flat Washer, 5/16 | 8 | 91 | 1727321 | Ignition Switch Assembly (Incl. Key) | 1 |
| 36 | 1748689 | Drive Chain #41 | 1 | 92 | 1747117 | Wire Lead w/Ring Terminal | 1 |
| 37 | 1185013 | Connector Link..... | 1 | 93 | 1752302 | Wire Lead w/Tab Terminals..... | 1 |
| 38 | 1104436 | Woodruff Key, 3/16 x 3/4 | 1 | 94 | 1771728 | Nyliner Bearing | 2 |
| 39 | 1740100 | Transmission (See breakdown, page 6)... | 1 | 200 | 1736796 | Green Spray Paint, 13 oz. can | NI |
| 40 | 1740139021 | Reinforcement Bracket..... | 1 | 201 | 1735222 | Black Spray Paint, 13 oz. can | NI |
| 41 | 1766984 | Thread Forming Screw, 5/16-18 x 3/4 ... | 2 | 202 | 1757032 | Loctite #242, .02 oz. | A/R |
| 42 | 1737041 | Handle Grip | 1 | 203 | 1750823 | Tire Chains | NI |
| 43 | 1749290021 | Shift Handle | 1 | 204 | 1757890 | Wheel and Tire Assembly, (Incl. Refs. 56, 57 & 58)..... | 2 |
| 44 | 1186327 | Flange Lock Bolt, 5/16-18 x 1/2..... | 17 | | | | |
| 45 | 1186391 | Flange Locknut, 5/16-18..... | 6 | | | | |
| 46 | 1748617021 | Doubler Plate Assembly | 1 | | | | |
| 47 | 1774484 | Rear Cover Assembly (Incl. Ref. 87) | 1 | | | | |
| 48 | 1774441 | Shift Decal..... | 1 | | | | |
| 49 | 1739463 | Flat Washer | 2 | | | | |
| 50 | 1739470 | Bearing..... | 2 | | | | |

* Order parts from your local Tecumseh Power Products dealer. Refer to engine for model number, type number and code.

** Inner tube 1724156 also available.

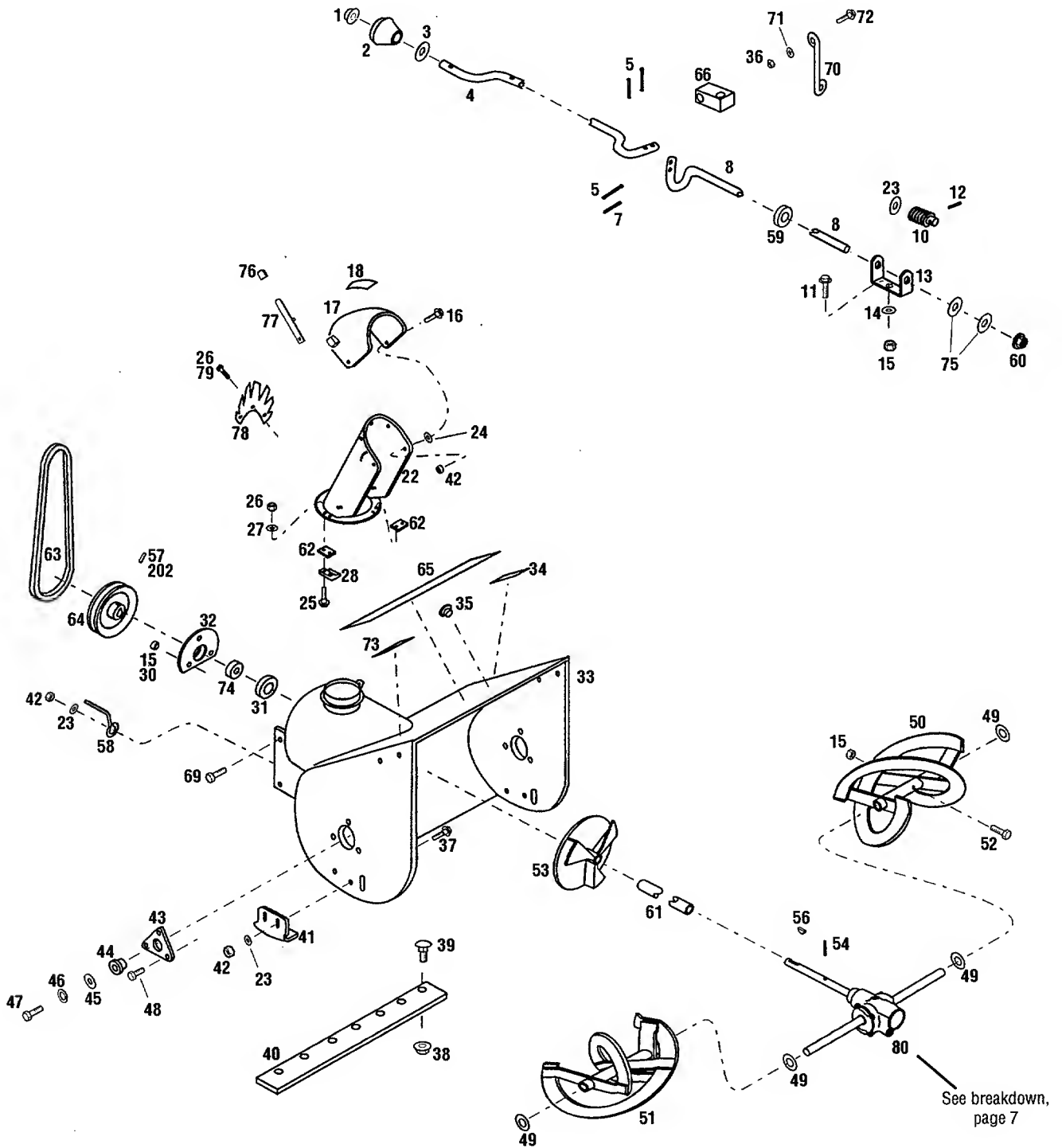
NI Item not included with unit. Order separately.

A/R As required.

21", 5 H.P. Snowthrower

AUGER ASSEMBLY

S/N 420280100101- 420280199999

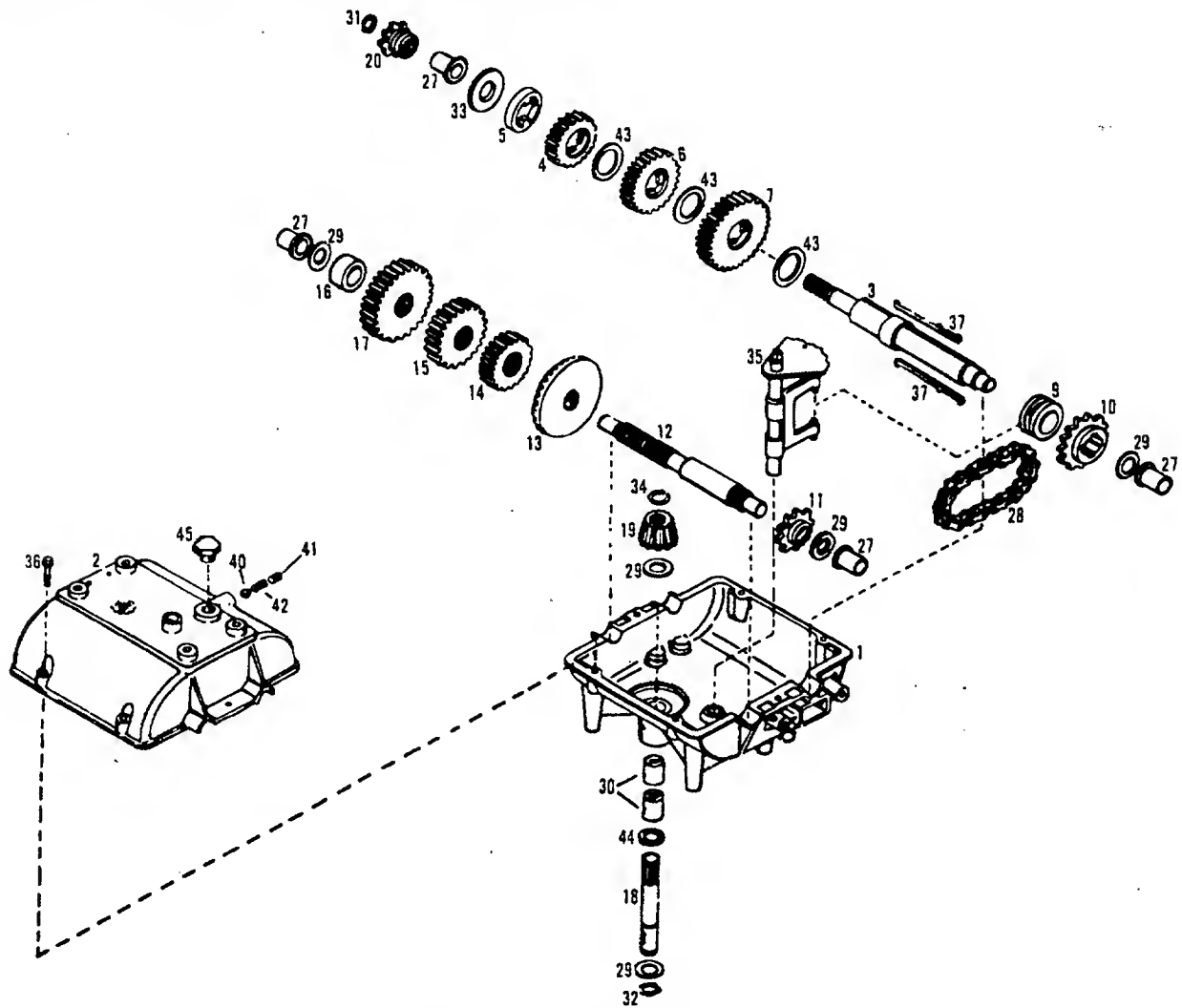


| Ref. # | Part # | Description | Qty. | Ref. # | Part # | Description | Qty. |
|--------|------------|--|------|--------|------------|--|------|
| 1 | 1724791 | Push-On Cap | 1 | 44 | 1185846 | Flange Bushing | 2 |
| 2 | 1735868 | Knob | 1 | 45 | 1100257 | Flat Washer, 1/2 | 2 |
| 3 | 1890945 | Flat Washer, 3/8 | 1 | 46 | 1100245 | Lockwasher, 1/2 | 2 |
| 4 | 1752306 | Chute Control Crank | 1 | 47 | 1100053 | Hex Bolt, 1/2-13 x 3/4 | 2 |
| 5 | 1185147 | Cotter Pin, 3/32 x 5/8 | 3 | 48 | 1111599 | Hex Bolt, 1/4-20 x 5/8 | 6 |
| 7 | 1177625 | Roll Pin, 1/8 x 3/4 | 1 | 49 | 1185816 | Special Washer | 6 |
| 8 | 1771769 | Chute Control Shaft | 1 | 50 | 1740491001 | Left Auger Blade | 1 |
| 10 | 1724870 | Worm Gear | 1 | 51 | 1740490001 | Right Auger Blade | 1 |
| 11 | 1186329 | Flange Bolt, 5/16-18 x 3/4 | 1 | 52 | 1750515 | Shear Bolt, 5/16-18 | 2 |
| 12 | 1724885 | Drive Pin, 3/32 x 3/4 | 1 | 53 | 1740462001 | Impeller | 1 |
| 13 | 1735869 | Gear Support | 1 | 54 | 1185348 | Roll Pin, 1/4 x 1-1/4 | 1 |
| 14 | 1100255 | Flat Washer, 5/16 | 1 | 56 | 1200033 | Key, 3/16 x 3/4 | 1 |
| 15 | 1732499 | Locknut, 5/16-18 | 8 | 57 | 1733185 | Square Set Screw, 5/16-18 x 5/8 | 2 |
| 16 | 1100068 | Hex Bolt, 3/8-16 x 3/4 | 2 | 58 | 1750703 | Belt Guide | 2 |
| 17 | 1751305 | Cap Assembly (Incl. Ref. 18) | 1 | 59 | 1714243 | Nylon Bushing | 2 |
| 18 | 1750692 | Warning Decal | 1 | 60 | 1185984 | Flange Nut | 1 |
| 22 | 1771723021 | Chute | 1 | 61 | 1753356 | Sleeve | 1 |
| 23 | 1107383 | Flat Washer, 3/8 | 9 | 62 | 1752460 | Shim | 4 |
| 25 | 1752461 | Sems Screw, #10-24 x 7/8 | 6 | 63 | 1752194 | V-Belt- 36" | 1 |
| 26 | 1772333 | Locknut, #10-24 | 6 | 64 | 1752212 | Caster Sheave | 1 |
| 27 | 1103959 | Flat Washer, #10 | 6 | 65 | 1774443 | Logo Decal | 1 |
| 28 | 1724869 | Hold Down Clip | 3 | 66 | 1714782 | Swivel Block | 1 |
| 30 | 1103195 | Hex Bolt, 5/16-18 x 5/8 | 3 | 69 | 1724491 | Flange Bolt, 5/16-18 x 3/4 | 4 |
| 31 | 1185809 | Ball Bearing | 1 | 70 | 1752318 | Chute Crank Support | 1 |
| 32 | 1739488 | Bearing Retainer | 1 | 71 | 1107381 | Flat Washer, 1/4 | 1 |
| 33 | 1774485 | Housing Assembly (Incl. Ref. 34) | 1 | 72 | 1100811 | Hex Head Cap Bolt, 1/4-20 x 1-1/2 | 1 |
| 34 | 1750691 | Warning Decal | 1 | 73 | 1900333 | Decal, Made in U.S.A. | 1 |
| 35 | 1750969 | Plug | 2 | 74 | 1719271 | Shim Washer | 1 |
| 36 | 1734398 | Locknut, 1/4-20 | 7 | 75 | 1737957 | Nylon Washer | 2 |
| 37 | 1186126 | Carriage Bolt, 3/8-16 x 3/4 | 4 | 76 | 1737499 | Grip | 1 |
| 38 | 1186391 | Flange Locknut, 5/16-18 | 5 | 77 | 1723643 | Adjusting Lever | 1 |
| 39 | 1712059 | Carriage Bolt, 5/16-18 x 1/2 | 5 | 78 | 1771274 | Chute Deflector | 1 |
| 40 | 1749281021 | Scraper Blade | 1 | 79 | 1737940 | Truss Head Bolt, 10-24 | 3 |
| 41 | 1728567021 | Runner | 2 | 80 | 1740471001 | Gear Case Assembly (See Breakdown page 7) | 1 |
| 42 | 1733398 | Locknut, 3/8-16 | 8 | 202 | 1757032 | Loctite #242, .02 oz. | NI |
| 43 | 1720922 | Support Bearing | 2 | | | | |

NI Item not included with unit. Order separately.

21", 5 H.P. Snowthrower

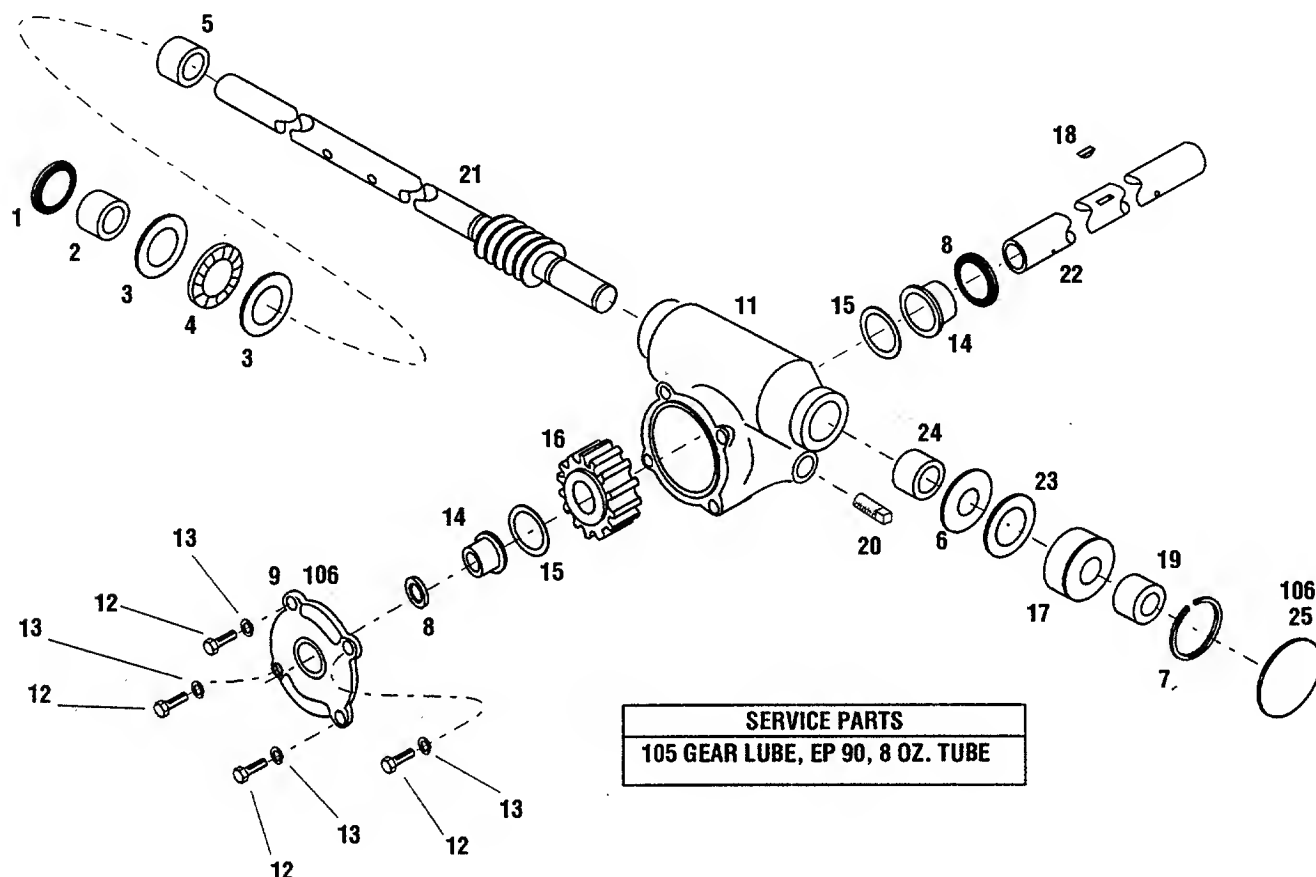
TRANSMISSION ASSEMBLY — PEERLESS MODEL 700—005



Order parts from your local factory-authorized Peerless/Tecumseh dealer.

| Ref. # | Part # | Description | Qty. | Ref. # | Part # | Description | Qty. |
|--------|----------|-----------------------------|------|--------|---------|--|------|
| 1 | 776061 | Case, Transmission | 1 | 27 | 780105A | Bushing, Flanged..... | 4 |
| 2 | 772083 | Cover, Transmission | 1 | 28 | 786062 | Chain, Roller (No. 41 Chain, 22 Links) | 1 |
| 3 | 776171 | Shaft, Output..... | 1 | 29 | 780072 | Washer, Thrust..... | 5 |
| 4 | 778121 A | Gear, Spur (20 Teeth)..... | 1 | 30 | 780086 | Bearing, Needle | 2 |
| 5 | 786072 | Spacer, Keyed | 1 | 31 | 792072 | Ring, Retaining..... | 1 |
| 6 | 778124A | Gear, Spur (30 Teeth)..... | 1 | 32 | 792035 | Ring, Retaining..... | 1 |
| 7 | 778125 | Gear, Spur (35 Teeth)..... | 1 | 33 | 780109 | Washer..... | 1 |
| 9 | 784266 | Collar, Shift | 1 | 34 | 788040 | Ring, Retaining..... | 1 |
| 10 | 786060 | Sprocket (14 Teeth)..... | 1 | 35 | 784270 | Rod & Fork Assembly, Shift | 1 |
| 11 | 786061 | Sprocket (10 Teeth)..... | 1 | 36 | 792073 | Screw, Flanged Hex Head Thread-Forming, 1/4- 20 x 1-1/4 | 4 |
| 12 | 776134 | Shaft, Counter | 1 | 37 | 792089A | Key..... | 2 |
| 13 | 778137A | Gear, Bevel (42 Teeth)..... | 1 | 40 | 792077 | Ball, Steel, 5/16" | 1 |
| 14 | 778136 | Gear, Spur (15 Teeth)..... | 1 | 41 | 792078 | Screw, Set, 3/8-16 x 3/8 | 1 |
| 15 | 778126A | Gear, Spur (20 Teeth)..... | 1 | 42 | 792079 | Spring | 1 |
| 16 | 786071 | Spacer..... | 1 | 43 | 780108 | Washer, Thrust..... | 3 |
| 17 | 778129A | Gear, Spur (30 Teeth)..... | 1 | 44 | 792001 | "O" Ring..... | 1 |
| 18 | 776135 | Shaft, Input | 1 | 45 | 792074 | Plug..... | 1 |
| 19 | 778113A | Bevel Pinion, Input | 1 | | | | |
| 20 | 786047 | Sprocket (8 Teeth)..... | 1 | | | | |

GEAR CASE ASSEMBLY



SERVICE PARTS
105 GEAR LUBE, EP 90, 8 OZ. TUBE

| Ref. # | Part # | Description | Qty. | Ref. # | Part # | Description | Qty. |
|--------|------------|-------------------------------|------|--------|---------|------------------------------------|------|
| 1 | 1185224 | Oil Seal | 1 | 15 | 1185815 | Thrust Race | 2 |
| 2 | 1185374 | Needle Bearing | 1 | 16 | 1720933 | Worm Gear, 20T | 1 |
| 3 | 1185841 | Thrust Race | 2 | 17 | 1720763 | Spacer | 1 |
| 4 | 1185431 | Thrust Bearing | 1 | 18 | 1100276 | Woodruff Key, 1/4 x 7/8 | 1 |
| 5 | 1741774 | Spacer | 1 | 19 | 1185568 | Needle Bearing | 1 |
| 6 | 1185842 | Washer | 1 | 20 | 1105620 | Pipe Plug, 1/4-18 | 1 |
| 7 | 1118726 | Internal Retaining Ring | 1 | 21 | 1740468 | Impeller Shaft | 1 |
| 8 | 1773171 | Oil Seal | 2 | 22 | 1740472 | Auger Shaft | 1 |
| 9 | 1773170001 | Gear Case Cover | 1 | 23 | 1185840 | Thrust Race | 1 |
| 11 | 1735894001 | Gear Case (case only) | 1 | 24 | 1741775 | Spacer | 1 |
| 12 | 1741832 | Bolt, 1/4-20 x 5/8 | 4 | 25 | 1112634 | Welsh Plug | 1 |
| 13 | 1100241 | Lockwasher, 1/4 | 4 | 105 | 1700187 | Gear Lube, EP 90, 8 Oz. Tube | NI |
| 14 | 1185728 | Flange Bearing | 2 | 106 | † | Sealant | A/R |

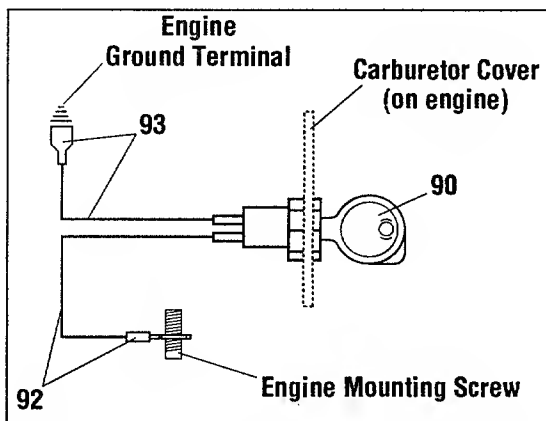
NI Item not included with unit. Order separately.

† Use General Electric SILMATE #RTV 1473 or equivalent.

A/R As required.

Wiring Diagram

Identification Numbers



See pages 3 & 4 for reference and part numbers and wiring component locations.

Record the model and serial numbers:

When ordering parts from your local servicing dealer, provide the information on the model/serial number decal. For convenience and ready reference, record this information in the spaces below:

Model Number: _____

Serial Number: _____

Date of Delivery: _____

Parts Ordering Information

For service or parts:

For service assistance or to order parts, contact your local authorized dealer.

The local dealer will need to know the identification numbers of the unit to provide the most efficient service. See below for information on how to identify and record the identification numbers for the unit.

For engine service or parts:

For engine service or parts, contact your local authorized engine dealer. Look in the yellow pages of the phone book under "Engines-Gasoline" for the name of your nearest authorized engine dealer. An authorized engine dealer can handle all parts, repairs, and warranty service concerning the engine.

Note:

All Bolens® replacement parts must conform to our rigid quality specifications. Although some replacement parts we provide may vary slightly in shape, color or texture from the original parts, any variations will not affect the fit or performance of these parts on the unit.

⚠ WARNING

WE URGE USING ONLY GENUINE REPLACEMENT PARTS, WHICH MEET ALL THE LATEST REQUIREMENTS. REPLACEMENT PARTS MANUFACTURED BY OTHERS COULD PRESENT SAFETY HAZARDS, EVEN THOUGH THEY MAY FIT ON THIS UNIT!

IMPORTANT:

Left and right sides of the unit are determined by standing behind the unit, in the operator's position, and facing the direction of forward travel.

NOTICE:

We reserve the right to change specifications, add improvements or discontinue the manufacture of any of our equipment without notice or obligation to purchasers of our equipment.

For customer assistance, contact your nearest authorized dealer or:

GARDEN WAY INCORPORATED • 1 Garden Way • Troy, New York U.S.A. 12180

Customer Service: 1-800-437-8686 • Technical Service: 1-800-520-5520 • Parts Service: 1-800-648-6776 • FAX: (518) 391-7332
Outside the U.S.A. and Canada:

Customer Service: (518) 391-7007 • Technical Service: (518) 391-7008 • Parts Service: (518) 391-7006 • FAX: (518) 391-7332